BRUHAT BANGALORE MAHANAGARA PALIKE

Asst.Executive Engineer,
Shettyhalli Sub Division,

Name of Work:- UGD Works in Ward No 13 In Shettyhalli Sub Division

Est Cost: 22.50 Lakhs

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BRUHATH BENGALORE MAHANAGARA PALIKE DASARAHALLI ZONE

Name of Work : UGD Works in Ward No 13 In Shettyhalli Sub Division

Est Cost Rs :22.50 Lakhs

Sl. No.	Description of work	Unit	No.	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate/Unit (Rs.)	Amount (Rs.)
1	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5 **(Page No.6 , Item No.2.4,PW,P & IWTD SR 2018-19)**								
	Mallasandra Surrounding Area								
			1	200.00	1.00	1.30	260.00		
			1	166.00	1.00	1.30	215.80		
			20	3.142/4 x 1.70 X 1.70X 1.80			104.00		
		cum					**579.80**	**475.94**	**275950.01**
2	Stone dust / Grit **(Page No.II PW,P&IWTD SR 2018-19)**								
	Mallasandra Surrounding Area								
			1	200.00	1.00	0.30	60.00		
			1	166.00	1.00	0.30	49.80		
		Cum					**109.80**	**1060.00**	**116388.00**
3	KSRB 12.-1.1 : Providing and laying in position to required level or slope 230mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints,including cost of materials, labour charges complete as per specifications.Specification No. KBS 12.2.5/12.7 **(Page No.70, Item No. 11.4 PW,P&IWTD SR 2018-19)**								
	Mallasandra Surrounding Area								
			1	200.00			200.00		
			1	166.00			166.00		
		Mtr					**366.00**	**568.16**	**207946.56**
4	Filling available earth around pipe lines cable in layers not exceeding 20cms, in depth compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost all labour complete as per specifications **(Page No.6 Item No. 2.10,PW,P&IWTD SR 2018-19)**								
	Consider 50% of Qty No.2	**Cum**					**330.49**	**213.06**	**70413.35**
5	KSRB 12-5.3 : Constructing brick masonry circular type manhole 1.22 m internal dia at bottom 1.68 m deep and 0.56m dia at top, with table moulded and non modular bricks of class designation 50 in cement mortar 1:4, inside cement plaster 12mm thick with cement mortar 1:3, finished with a floating coat of neat cement, foundation concrete M 10 using 40mm and down size granite metal and making necessary channel in cement concrete M 15 with 20mm and down size granite metal, finished with a floating coat of neat cement, with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560mm internal diameter confirming to IS :12592, total weight length of cover and frame to be not less than 182 kg, fixed in cement concrete M 15 20mm and down size broken granite metal, providing and removing centering, shuttering including cost of materials, labour charges, HOM of mechineries complete as per specifications. (Excavation, footrests and 12mm thick cement plaster on the external surface shall be paid seperately) Specification No. KBS 12.4 **(Page No74, Item.11.39 PW,P&IWTD SR 2018-19)**								
	Man hole		20				20.00		
		No's					**20.00**	**31296.84**	**625936.80**
6	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. **(P.No-222,I No-27.18 pwd 2018-19)**								
	Mallasandra Surrounding Area								
			1	200.00	1.00	0.15	30.00		

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Sl. No.	Description of work	Unit	No.	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate/Unit (Rs.)	Amount (Rs.)
			1	166.00	1.00	0.15	24.90		
		cum					54.90	5509.33	302462.03
7	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M 20 for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, for raft foundation and Sub Structures with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) **(P.No-18,I No-4.48 PWD SR 2018-19)**								
	Mallasandra Surrounding Area								
			1	200.00	1.00	0.15	30.00		
			1	166.00	1.00	0.15	24.90		
		cum					54.90	5881.91	322916.88
						1922-013.63		Total Construction cost	1842397.34
						230641.64		GST Charges 12%	221087.68
						9610068.68		Tender Premium 5%	92119.87
								Sub Total	2155604.89
								Miscellaneous and other unforseen charges	2275.25
								Total	2250000.00

Rupees Twenty Two Lakh(s) Fifty Thousand Only

ertificate:

) This Work Comes Within BBMP Limits.
) Certified that personaly Inspected the Work Spot.
Certified that the Estimate is Prepared Based on CSR of PWD Bangalore Circle 2018-19
Estimate is Prepared Making Use of essential itemof work as per site conditions in safest way of Execution in most economical
This work is not include in any other program of work.

Asst. Engineer
Ward No-13

Asst. Executive Engineer
Shettyhalli Sub Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

ADMINISTRATIVELY SANCTIONED F... Rs. 22.50 Lakh
(Rupees Twenty two lakhs fifty thousand Rupees
.....only/-.....
Under the Head of Account P-3295-14th Finance Commission Works-UGD Works....
.....
Registered as no EE(D.D.)/AS 203/19-20 Sub...
conditions contained in Enclosed Memo
No. EE/DD/AS/203/19-20... Dt. 30/01/20
AE (DASARAH...

Technically Sanctioned For Rs: 22,50,000/-
Rs. In Words Twenty two lacks fifty thousand only
Under P 3295 - 14th Finance - UGD work
Job Code No. 013-19-000016
Registered as SE No. 19 /19-20 subject
to conditions contained in Enclosed Memo
No. SE/DZ/TS/19/19-20 Dt. 03/02/20
AE JE TA SE(D)

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